February 16, 2000

EXCEPTION REPORT #4

A substantial portion of the documentation in the LSOG 4 Pre-Order and Order Business Rules and the EDI Pre-Order and Order Guides is incomplete, incorrect or unclear.

Issue 4.1

KPMG observed a length contradiction in the BA North Pre-Order Business Rules v. 2.6.1 for certain data fields on the CTN/R R and the LQB forms. On both the CTN/R R and the LQB forms in the BA North Pre-Order Business Rules v2.6.1, the length of the QNR is 3, but the Valid Entries specifies '0000-9999'.

Issue 4.2

KPMG observed that the designated occurrences for the MLT field in the BA Pre-Order Business Rules v4.1.1, SOT transaction, contradicts the Notes and Conditions for the field.

The BA Pre-Order Business Rules v4.1.1 states on page 257 of the SOT transaction, that the data element MLT should occur '1,1' with a length of 81. The Notes and Conditions state, however, that the MLT carries the Service Order image and a list of service orders listed under the PON. It is unclear whether the MLT should occur more than once in this transaction.

Issue 4.3

KPMG observed that the EDI specifications do not match the EDI example provided in the BA Pre-Order EDI Guide v 4.1.1.

A. The BA Pre-Order EDI Guide v4.1.1 does not contain the data groupings or placement information necessary for EDI mapping for the CSA and PSR transactions. BA CR#1217 acknowledges this omission, but does not provide the EDI specifications and EDI Examples which include the data groupings and placement information.

B. The AN and CUSCODE fields on the CCSR form on page 2 of the Pre-Order EDI Guide are designated as mapped to Header REF segments. Active LSOG4 testing with BA has required that we change the mapping of these data elements to PO1/REF segments. In the EDI Example 3.1, both data fields are in the EDI mapping as REF segments within the P01 loop (detail) following the QTY segment. The example depicts a non-standard REF segment as there is no REF segment following the PO1/QTY.

C. The LOA field on the CCSR form on page 3 of the Pre-Order EDI Guide designates mapping as a Header PID data element. EDI Example 3.1, however, depicts the EDI mapping within the P01/PID.

D. The ERRCODE and REMARKS fields on the CCSA form on page 6 of the Pre-Order EDI Guide designates mapping as PO1/N9. The EDI Example depicts the EDI mapping within the SLN/N9 loop.

E. E1. The CUSTUNITVAL field on the ADR/DTN form is depicted on page 10 of the Pre-Order EDI Guide v4.1.1, but is not in the EDI Example.
E2. The CUSTSTRVAL field in the ADR/DTN form is depicted on page 10 of the Pre-Order EDI Guide v4.1.1, but is not in the EDI Example. In addition, the Pre-Order EDI Guide v4.1.1 comments note that the EDI mapping for the CUSTSTRVAL field is within the P01/SLN.

F. Neither the Pre-Order Business Rules v4.1.1 nor the Pre-Order EDI Guide v4.1.1 specify that values 'BU' and 'BX' designate a TNR and a TNX respectively. Both the Pre-Order EDI Guide v4.1.1 and the EDI Examples reflect that the EDI mapping for the TNR/TNX data element is within the P01/SLN as a REF segment. There is no standard REF segment located within the SLN loop.

G. The Pre-Order EDI Guide v4.1.1 specifies on page 13 that the INQRESNBR field in the ADA/DTN form is mapped as a Detail REF segment, which makes its location within the P01 loop. EDI example 3.4, however, reflects the EDI mapping for this field as a Header REF. It is unclear which specification is correct.

H. The EDI mapping for the ROUTE, BOX and SASS fields in the ADA/DTN form on pages 14 and 15 of the Pre-Order EDI Guide v4.1.1 does not reflect "P01/N1" in the Notes and Conditions.

I. The CUSTUNITVAL and CUSTSTRVAL fields in the ADA/DTN form are depicted in the Pre-Order EDI Guide v4.1.1, but are not in the EDI example.

J. J1. The Pre-Order EDI Guide v4.1.1 specifies on page 17 that the EXCHWC field in the ADA/DTN form is mapped as a Detail P01/N1. The EDI Example depicts this element as mapped with EXCHANGE on the same N1 segment within the SLN/N1. It is unclear which specification is correct.

J2. The Pre-Order EDI Guide v4.1.1 specifies on page 17 that the CTI field in the ADA/DTN form is mapped as a Detail P01/PID and the EDI Example depicts this mapping. The Pre-Order EDI Guide v4.1.1's Comments, however, specify P01/SLN/N9.

K. The Pre-Order EDI Guide v4.1.1 correctly states on page 19 that the qualifier for the STAT field on the ADA/DTN form is 'ME'. The EDI example depicts '82'.

L. The INQRESNBR field in the CTNS I form is not in the Pre-Order EDI Guide v4.1.1. Flashes have provided the REF segment description, but do not designate a Header or Detail REF segment. It is unclear whether the mapping is in the Header or the Detail.

M. The SAST field in the CTNS I form is mapped to NX202 on page 25 of the Pre-Order EDI Guide v4.1.1 and to the N402 in the EDI Example. It is unclear which mapping is correct.

N. N1. The CLLI field in the CTNS I form is not in the Pre-Order EDI Guide, but is depicted as a Detail SI segment in the EDI Example. It is unclear whether the CLLI should be mapped to the P01/SI.

   N2. The SWDESC field is in the CTNS I form in the Pre-Order EDI Guide v4.1.1 as P01/SLN/N9/MTX where the SLN identifies the switch group. The EDI example shows SWDESC as P01/N9/MTX. It is unclear which EDI mapping is correct.

O. O1. In the Pre-Order EDI Guide v4.1.1 on page 26, the FX field of the CTNS I form is mapped to SLN/SI, indicating a SLN exchange group. In the EDI example, however, the FX is mapped to P01/SI. It is unclear which EDI mapping is correct.

   O2. In the Pre-Order EDI Guide v4.1.1 on page 26 and the EDI example, EXCHANGE is mapped as P01/N1. In the Pre-Order EDI Guide v2.5.1, it was mapped as SLN/PID within an exchange group. It is unclear which EDI mapping is correct.

   O3. In the Pre-Order EDI Guide v4.1.1 on page 26, the EXCHSEL is mapped to the SLN/PID indicating an SLN exchange group. In the EDI example, it is mapped as a P01/PID. It is unclear which EDI mapping is correct.

   O4. In the Pre-Order EDI Guide v4.1.1 on page 26 and the EDI example, the EXCHWC is mapped as P01/N1. In the Pre-Order EDI Guide v2.5.1, it was mapped as SLN/PID within an exchange group. It is unclear which EDI mapping is correct.

P. P1. The REQNUM field in the CTNS I form is not in the Pre-Order EDI Guide v4.1.1, but is in the EDI example as a Detail SI segment. It is unclear whether REQNUM should be mapped as P01/SI.

   P2. The CUSTUNITVAL field in the CTNS I form is in the Pre-Order EDI Guide v4.1.1 on page 24, but is not in the EDI example.

   P3. The CUSTSTRVAL field on the CTNS I form is in the Pre-Order EDI Guide v4.1.1 on page 24, but is not in the EDI example.

   P4. The Pre-Order EDI Guide v4.1.1 comments note that the EDI mapping for this data element is within the P01/SLN.

Q. Q1. The TNTYPE field on the CTNS I form is in the Pre-Order EDI Guide v4.1.1 on page 26 as mapped to P01/PID. It is in the EDI example as P01/SI. It is unclear which EDI mapping is correct.

Q2.   The STAT field on the CTNS I form is in the Pre-Order EDI Guide v4.1.1 on page 28 with a qualifier of 'ME' and in the EDI example with a qualifier of '82'. It is unclear the correct EDI qualifier mapping.

Q3. The ATN field in the CTNS I form is in the Pre-Order EDI Guide v4.1.1 on page 27 as mapped to P01/SLN/N1/REF and in the EDI example as P01/SLN/REF. As the P01/SLN/REF is non-standard. It is unclear whether the EDI mapping to P01/SLN/N1/REF is correct.

R. The Pre-Order EDI Guide v4.1.1 on page 29 specifies that the TOS field in the CTNS R form is mapped as a Detail SI segment which makes its location within the P01 loop. The EDI example reflects the EDI mapping for this data element a Header SI. It is unclear which EDI mapping is correct.

S. The Pre-Order EDI Guide v4.1.1 specifies on page 29 that the INQRESNBR is mapped as a Detail REF segment which makes its location within the P01 loop. The EDI example reflects the EDI mapping for this data element as a Header REF. It is unclear which EDI mapping is correct.

T. T1. The FX field in the CTNS R form is mapped on page 34 of the Pre-Order EDI Guide v 4.1.1 to SLN/N1/SI. This indicates an SLN exchange group. In the EDI example it is P01/SI. It is unclear which EDI mapping is correct.

T2. The CLLI field in the CTNS R form is mapped on page 34 of the Pre-Order EDI Guide v4.1.1 to SLN/SI. This indicates an SLN switch group and is in the EDI example as a Detail SI segment. It is unclear which EDI mapping is correct.

T3. The REQNUM field in the CTNS R form is not in the Pre-Order EDI Guide v 4.1.1, but is in the EDI Example as a Detail SI segment. It is unclear whether it is correct to map REQNUM as P01/SI.

T4. The SWDESC field in the CTNS R form is mapped on page 35 of the Pre-Order EDI Guide v4.1.1 as P01/SLN/N9/MTX. In this case, the SLN identifies the switch group. The EDI example shows SWDESC as P01/N9/MTX. It is unclear which EDI mapping is correct.

T5. The EXCHANGE field is mapped on page 35 of the Pre-Order EDI Guide v 4.1.1 as SLN/N1 as part of the exchange group SLN and in the EDI example as P01/N1. It is unclear which EDI mapping is correct.

T6. The CUSTUNITVAL and CUSTSTRVAL fields are on the CTNS R form in the Pre-Order EDI Guide v4.1.1 (pages 31 and 32), but are not in the EDI example.

T7. The ATN is in the Pre-Order EDI Guide v4.1.1 on page 35 as P01/SLN/N1/REF and in the EDI example as SLN/REF. As the SLN/REF is non-standard, it is unclear whether mapping to P01/SLN/N1/REF is correct.

U. The INQRESNBR field on the CTN/R I form is not in the EDI guide and is in the EDI example as a header REF segment. It is unclear whether this mapping should be in the header or the detail.

V. The REQNUM field on the CTN/R I form is not in the EDI Guide, but is in the EDI example as a detail SI segment. It is unclear how this element should be mapped.

W. The SAST field on the CTN/R I form is mapped in the EDI Guide as a header NX202, but is mapped in the EDI example as P01/N402. It is unclear which mapping is correct. The QNR field in the CTN/R I form is mapped in the EDI Guide as a Detail P01/QTY and is in the EDI example as P01/SLN/QTY.

X. X1. The CLLI field in the CTN/R I form is mapped in the EDI Guide to P01/SLN as part of a switch group, but is in the EDI example as a detail SI segment. It is unclear which mapping configuration is correct.

X2. The SWDESC field is in the EDI Guide as P01/SLN/N9/MTX where the SLN identifies the switch group. The EDI example depicts SWDESC as P01/N9/MTX. It is unclear which location it should be mapped in.

Y. Y1. The FX field on the CTN/R I form is mapped in the EDI Guide to SLN/SI indicating a SLN exchange group. In the EDI example it is P01/SI. It is unclear which location should be mapped to.

Y2. The EXCHANGE field n the CTN/R I form is in the EDI Guide and EDI example as P01/N1. In v 2.5.1., it was mapped as SLN/PID within an exchange group It is unclear which location it should be mapped to.

Y3. The EXCHSEL field mapped in the EDI Guide to SLN/PID indicating a SLN exchange group. In the EDI example, it is P01/PID. It is unclear which location it should be mapped to.

Y4. The EXCHWC field is in the EDI Guide and EDI example as P01/N1. In v 2.5.1, it was mapped as SLN/PID within an exchange group. It is unclear which location it should be mapped to.

Z. Z1. The AVTN and TNSEL fields in the CTN/R I form are in the EDI Guide as mapped to P01/SLN SI and PID as part of a TN group, but in the EDI example these elements are combined together with other elements intended as group elements. It is unclear how these elements should be mapped.

Z2. The ATN field in the CTN/R I form is mapped in the EDI Guide to P01/SLN/N1/REF and in the EDI example as P01/SLN/REF. It is unclear which location should be mapped to.

Z3. The EDI example does not depict the SLN groupings for the ATN, LN, CS and STAT fields when there is more than one occurrence of each element. It is unclear whether they should be grouped together in one SLN if there is more than one occurrence of each element.

AA.   AA1. The FX field on the CTN/R R form is mapped in the EDI guide to SLN/N1/SI indicating a SLN exchange group. In the EDI example, however, it is P01/SI. It is unclear which location the FX should be mapped to.

AA2. The CLLI field on the CTN/R R form is mapped in the EDI Guide to SLN/SI indicating a SLN switch group and is in the EDI example as a Detail SI segment. It is unclear which location the CLLI should be mapped to.

AA3. The REQNUM field is not he EDI guide, but it is in the EDI example as a Detail SI segment. It is unclear whether REQNUM should be mapped as P01/SI.

AA4. The TNTYPE field on the CTN/R R form is mapped in the EDI guide to P01/SI and in the EDI example as P01/PID. It is unclear what the element should be mapped to.

AA5. The EXCHANGE field on the CTN/R R form is mapped to the EDI Guide as SLN/N1 as part of the exchange group SLN and in the EDI example as P01/PID. It is unclear which location it should be mapped to.

AA6. The EXCHSEL field in the CTN/R R form is in the EDI Guide as P01/N1/REF and in the EDI example as P01/PID. It is unclear which locations it should be mapped to.

AA7. The EXCHWC field in the CTN/R R form is in the EDI Guide as P01/N1 and in the EDI example as P01/PID. In addition, EXCHWC appears in the EDI Guide to follow EXCHANGE which is mapped as SLN/N1 within an exchange group. It is unclear which location it should be mapped to.

AA8. The SWDESC field in the CTN/R R form is in the EI Guide as P01/SLN/N9/MTX where the SLN identifies the switch group. The EDI example shows SWDESC as P01/N9/MTX. It is unclear which location it should be mapped to.

AA9. The CUSTUNITVAL field in the CTN/R R form is in the EDI Guide, but is not in the EDI examples.

AA10. The CUSTSTRVAL field in the CTN/R R form is in the EDI Guide, but is not in the EDI examples.

AA11. The ATN Field on the CTN/R R form is mapped in the EDI Guide to P01/SLN/N1/REF and in the EDI example as P01/SLN/REF. It is unclear which location we should map this element to.

AA12. The EDI example does not depict the SLN groupings for the ATN, LN and STAT fields when there is more than one occurrence of each element. It is unclear whether they should be grouped together in one SLN if there is more than one occurrence of each element.

AA13. The CS field on the CTN/R R form is in the Business Rules but is not in the EDI guide. It is unclear whether they should be grouped together in one SLN if there is more than one occurrence of each element.

BB.   BB1. The SAST field on the CSR form is in the EDI Guide, but is not in the EDI Example.

BB2. The CUSTUNITVAL field on the CSA form is in the EDI Guide, but is not in the EDI Examples.

BB3. The CUSTSTRVAL is in the EDI Guide, but is not in the EDI Examples.

BB4. The CHAN/PAIR on the CSA form is not in the EDI Guide. The EDI Example lists the element as CHANNEL.

BB5. The PUL field on the CSA form is mapped in the EDI Guide to PO1/SLN/SI, but is in the EDI Example as PO1/SI. It is unclear which location the element should be mapped to.

BB6. The FIRSTLVLSUBCAP, FIRSTLVLSUBCAPDATA, PRIORLVL, SPCLSERVPHRASE, LTEXT, YPH, YPHV and REMARKS fields in the DLA form are mapped in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB7. The DIRLANO field on the DLA form is mapped in the EDI guide as Detail N1/NX2 and is in the EDI example as SLN/N1/NX2. It is unclear which location this element should be mapped to.

BB8. The DIRLASN field on the DLA form is mapped in the EDI Guide as Detail N1/N3 and is in the EDI Example as SLN/N1/NX2. It is unclear which location this element should be mapped to.

BB9. The DIRLALOC field on the DLA form is not in the EDI Guide.

BB10. The DIRLAST and DIRLAZC fields on the DLA form map in the EDI Guide as Detail N1/N4 and in the EDI Example as SLN/N1/N4. It is unclear which location the element should be mapped to.

BB11. The INSTSTAT and REMARKS fields on the ISA form map in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB12. The SAST field on the LQB form is in the EDI Guide, but is not in the EDI examples.

BB13. The CUSTUNITVAL field on the LQB form is neither in the EDI Guide nor in the EDI Examples.

BB14. The CUSTSTRVAL field on the LQB form is neither in the EDI Guide nor in the EDI Examples.

BB15. The STATUS, REJREASON, ENGRMKS, ECCKT, and REMARKS fields on the LQR form map in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB16. The ECCKT field on the LQR form is in the EDI Guide as mapped to PO1/N9/MSG and in the EDI Example as PO1/SLN/SI. It is unclear which location the element should be mapped to.

BB17. The SAST field on the PSA-N form is mapped in the EDI Guide to N402 and in the EDI Example as NX202. It is unclear which location the element should be mapped to.

BB18. The SAST field on the PSA-S form is mapped in the EDI Guide to a Header NX202 and a Detail N402 (with an N1*IT*NONE). This Detail mapping is not in the EDI Example.

BB19. The CS, MISC, P&SAVAIL, CCR, RR, CACR, PSR, IR, CFII, VMR, BR, SC, TELE, CALL, CIS, CP, CAS, EXCH, DIRDET and REMARKS fields on the PSR-N form are mapping in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB20. The CC field on the PSR-S form is not in the EDI Guide.

BB21. The Remarks field on the TRA form is mapped in the EDI Guide as MSG01. In version 4020 the MSG was replaced with the MTX.

BB22. MLT and Remarks on the TRA form are mapped in the EDI Guide as MSG01. In version 4020 the MSG was replaced with the MTX.

BB23. The SAST field on the DDA form is in the EDI Guide as mapped to N402 and in the EDI Example as NX202. The appropriate location is not clear.

BB24. The APPRES and REMARKS fields are mapped in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB25. The SAST field on the SOR form is mapped in the EDI Guide to NX202 and in the EDI Example as N402. The appropriate location is not clear.

BB26. The CUSTUNITVAL and CUSTSTRVAL fields on the LXR form are in the EDI Guide, but are not in the EDI Examples.

BB27. This data element is in the EDI Guide, but is not in the EDI Examples.

BB28. The MOT field on the SOT form is in the business rules as occurring '1,1' with a length of 81. The comments indicate that the MLT carries the Service Order image and a list of service orders listed under the PON. It is unclear how many times the field should occur.

BB29. The SVCAVAIL, RSNDT, ADSLAVLBLDT, LATANM, SVCDESC, and REMARKS fields on the LXA form have mapping in the EDI Guide as MSG01. The MSG was replaced with the MTX in version 4020.

BB30. The CUSTUNITVAL and CUSTSTRVAL fields on the LXA form are in the EDI Guide, but are not in the EDI Examples. SAST and SAZC on the LXA form have mapping in the EDI Guide as N4 following an N1*IT. This N1 segment is not in the EDI Example.

Issue 4.4

KPMG observed that the EDI mapping specifications are missing from the Order EDI Guide v4.1.1 for certain data fields on certain forms.

A. The BA Order Business Rules v4.1.1 states on page 97 that the TCTOPRI data field is valid for the EU Form, but the EDI mapping for the data field is not in the v4.1.1 Order EDI Guide.

B. BA CR#1275 states that the ERR_CODE is a valid data element for EDI in the BA Order Business Rules v4.1.1, but the EDI mapping for the data field is not in the v4.1.1 Order EDI Guide or the EDI Example.

C. BA CR#1216 states that the EXP on the LSR form is mapped as 'SAC*N**TI*EXP', but this is an incomplete EDI mapping. It only provides the qualifiers for EXP and does not indicate where the EXP data field is to be mapped. Referencing previous BA releases, the EXP data field on the LSR form is mapped as a Header SAC with these same qualifiers, and is mapped to the SAC15 data element.

D. ECCKT is a valid data element for EDI in the BA North Pre-Order Business Rules v2.6.1, but the EDI mapping is not in the v2.6.1 Pre-Order EDI Guide or the EDI Example.

E. MSG is a valid data element for EDI in the BA North Pre-Order Business Rules v2.6.1, but the EDI mapping is not in the v2.6.1 Pre-Order EDI Guide or the EDI Example.

F. ECCKT is a valid data element for EDI in the BA South Pre-Order Business Rules v2.6.1, but the EDI mapping is not in the v2.6.1 Pre-Order EDI Guide or the EDI Example.

G. MSG is a valid data element for EDI in the BA South Pre-Order Business Rules v2.6.1, but the EDI mapping is not in the v2.6.1 Pre-Order EDI Guide or the EDI Example.

Issue 4.5

KPMG observed that the Order Business Rules v 4.1.1 contain a possible contradiction for the number of occurrences of the SN data field on the CENTREX Resale form.

The Pre-Order Business Rules v 4.1.1 on page 7 of the CRS form states that SN is a member of group SN and occurs '0,1' times within that group. There is no indication in the Business Rules of how many times the SN group can occur, so the assumption is that both the group SN and field SN occur '0,1' times. The Notes and Conditions, however, uses a plural (station numberS). The number of occurrences of the SN group is unclear.

Issue 4.6

KPMG observed an EDI Matrix Legend error in the Pre-Order Business Rules v2.6.1. The Matrix legend that denotes whether a transaction is an inquiry or response contains incorrect notations for the ISR/ISA and LXR/LXA transactions. The matrix denotes the ISA and LXA transactions as responses and the ISR and LXR transactions as an inquiries. Instead, the ISA and LXA transactions are inquiries and the ISR and LXR transactions are responses.

Assessment

If LSOG 4 documentation is missing, incorrect or unclear in Pre-Order and Order Business Rules and EDI Pre-Order and Order Guide a CLEC cannot receive the correct response (e.g. confirmation or error) from BA and cannot properly format a transaction.